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FIG. 1

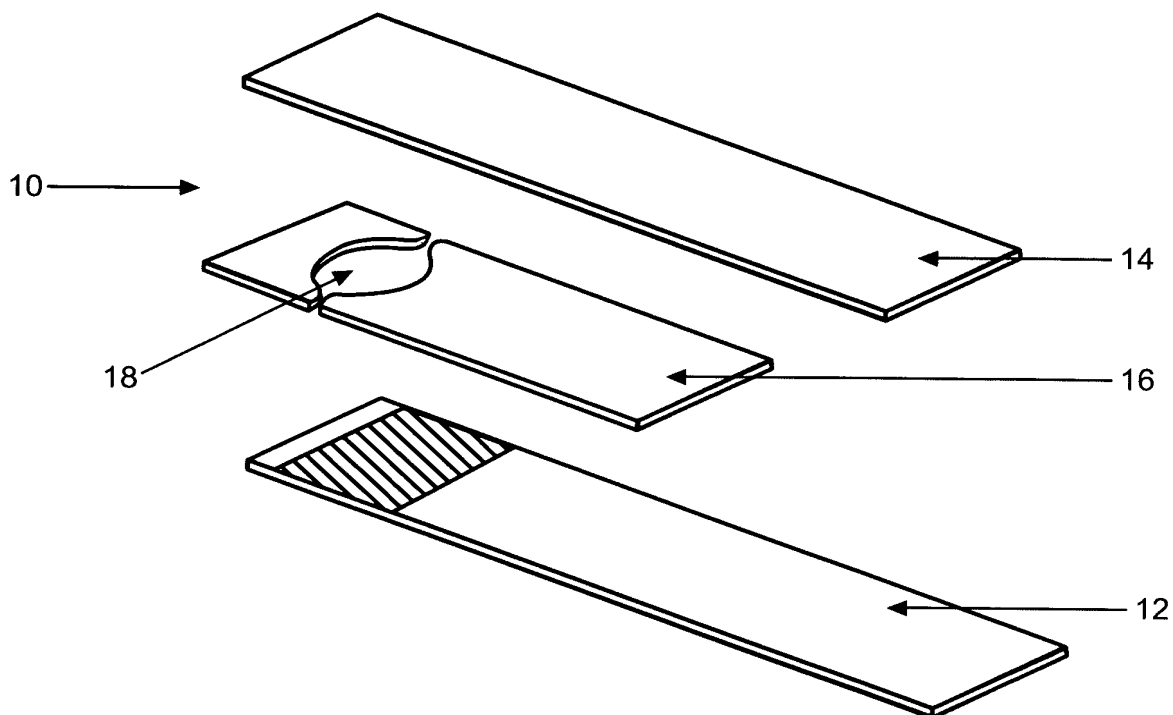
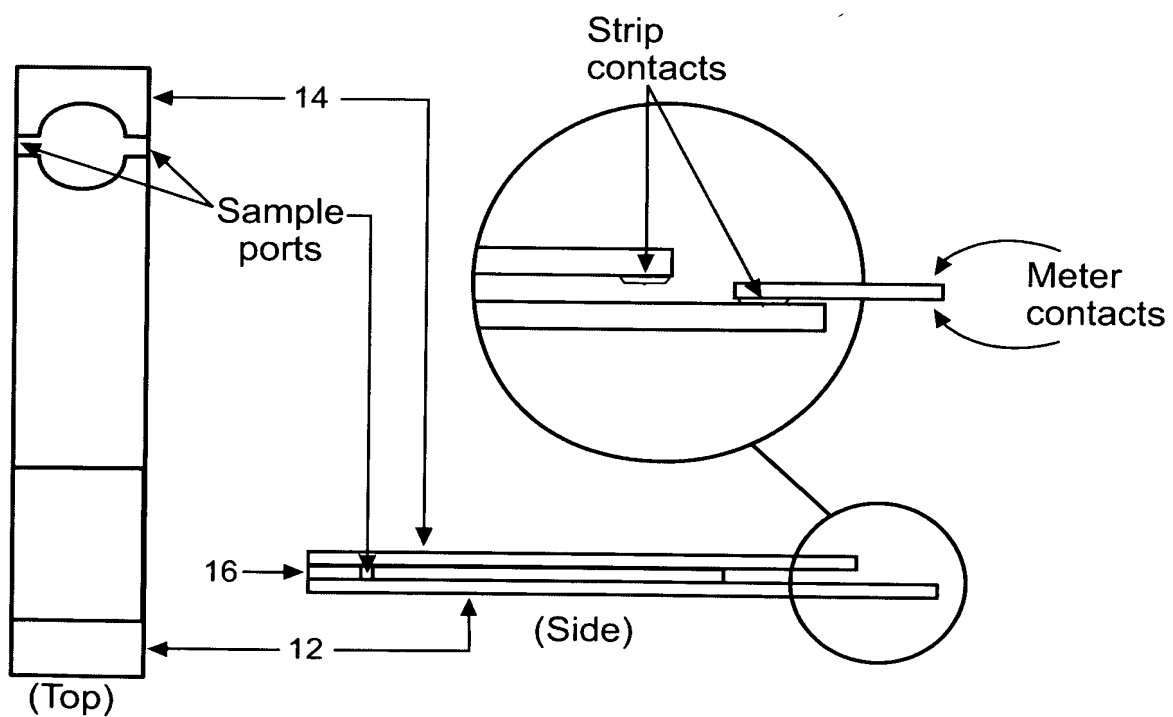


FIG. 2



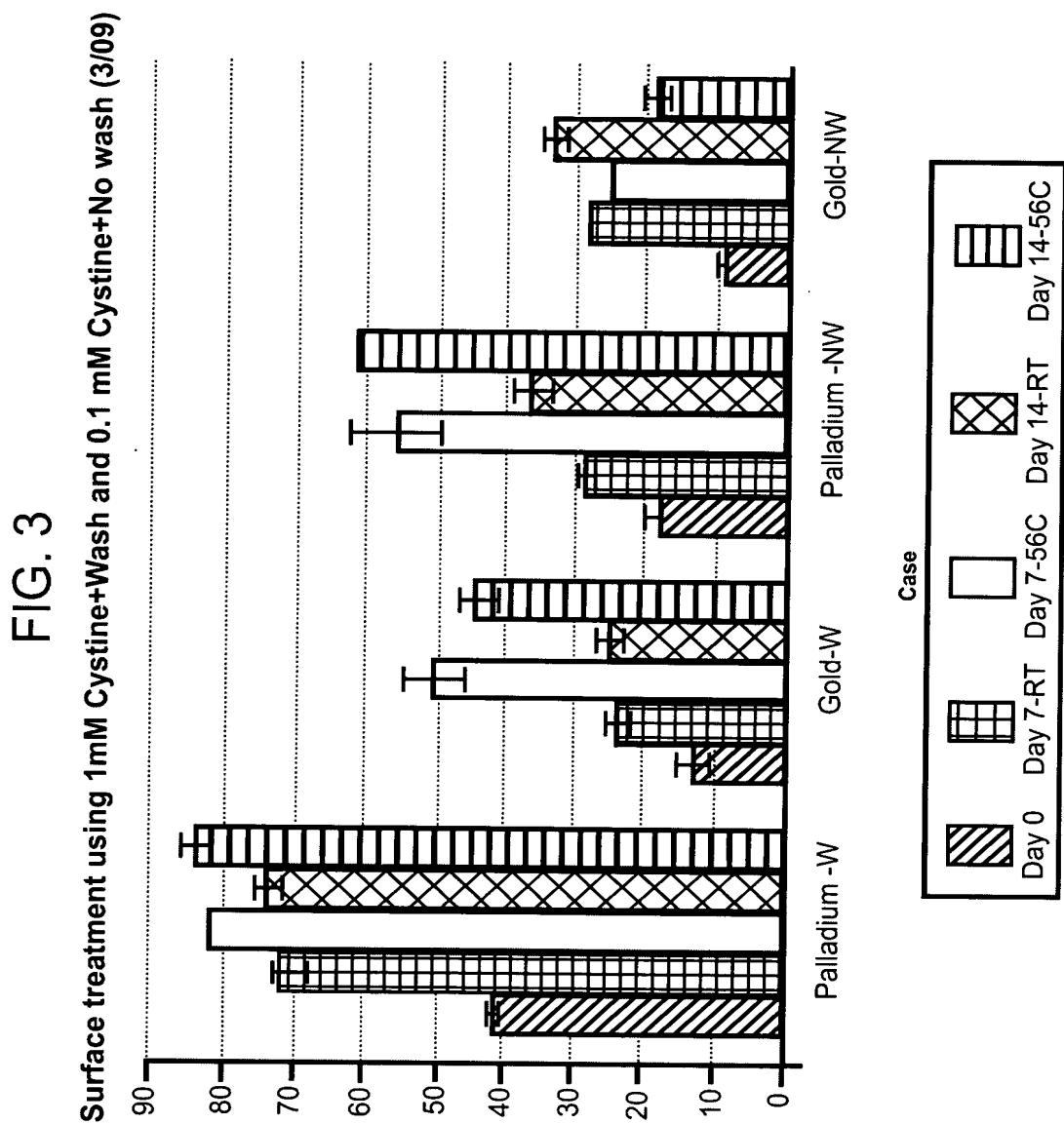
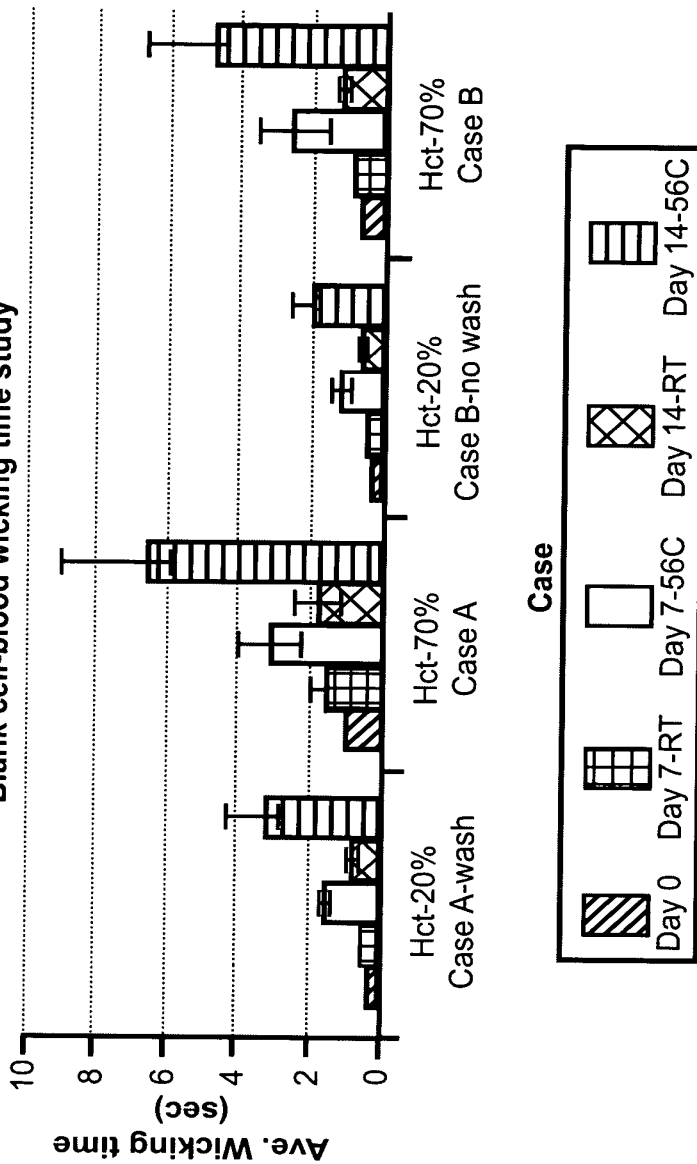
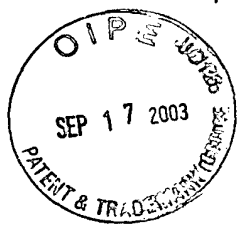




FIG. 4

Surface treatment with 1 mM Cystine wash & 0.1 mM  
 Cystine no wash on Palladium & Gold sensors,  
 Blank cell-blood wicking time study





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FIG. 5A

Aldrich MESA (98%) 0.1% @ pH 5.40, Surface  
treated Gold and Palladium with tape (ARI),  
hang dried n=5

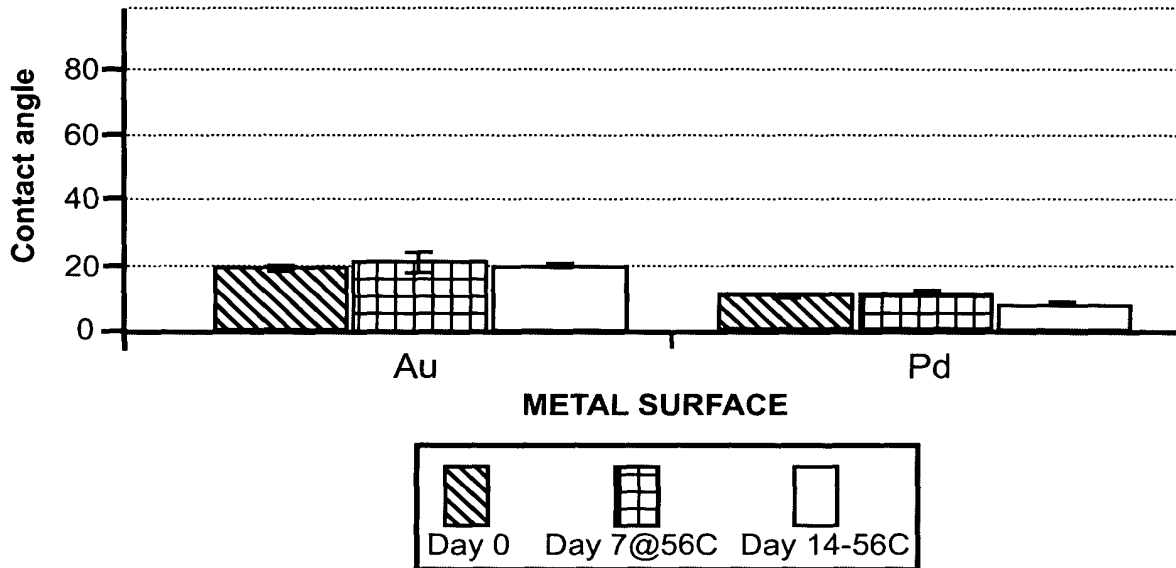


FIG. 5B

Aldrich MESA (98%) 0.1% @ pH 11.5, Surface  
treated Gold and Palladium with tape (ARI),  
hang dried n=5

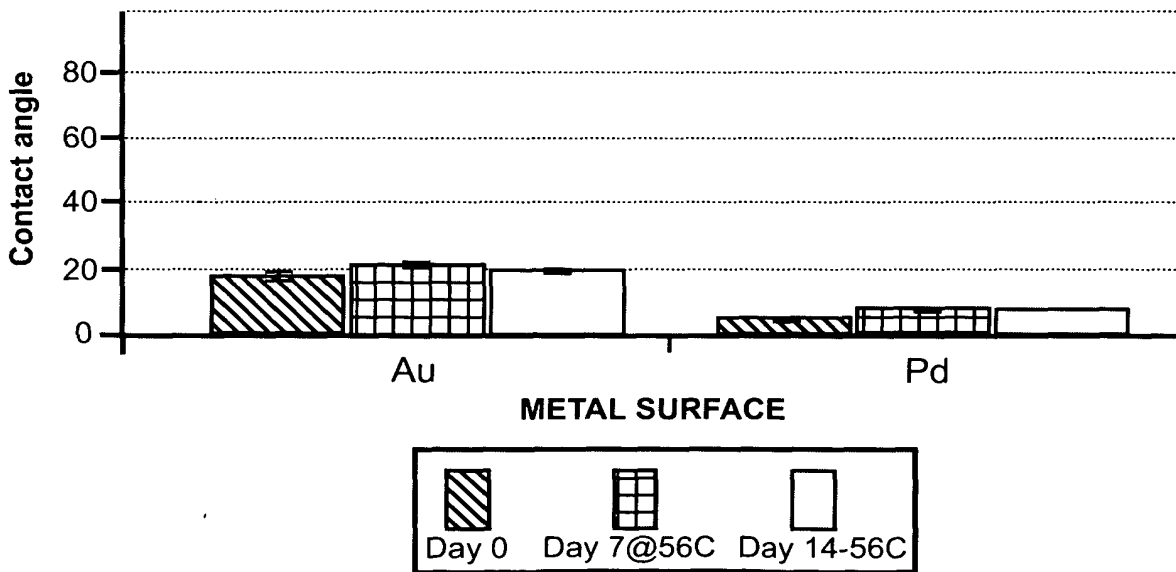




FIG. 6

Blank sensors, wicking time, Aldrich MESA  
(98%) 0.1% @ pH 5.40 & 11.5, Surface treated of Gold  
and Palladium, hang dried, blood hct 70%, n=20

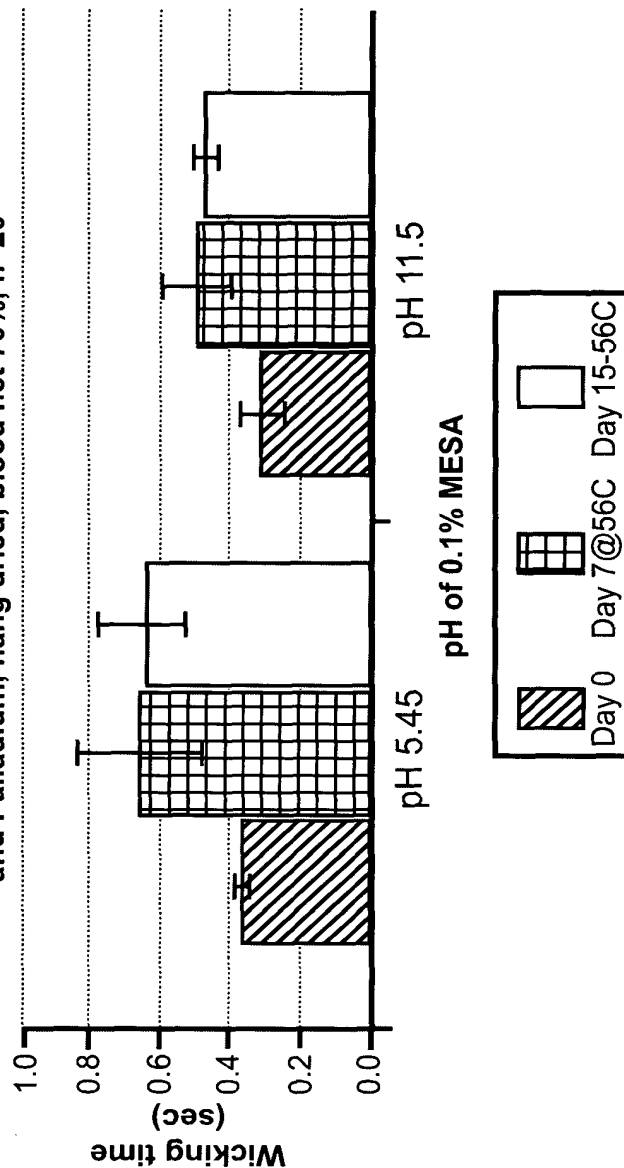




FIG. 7

Hand coated sensors 7/22, 0.1m Kpi pH 7, 170 mM FCN, GDH (8403A)

6 units/electrode, Blood hct 70%, n=8

Case A: Pd/Cys & Au/Cys=tx-100,

Case B: Pd/ mesa & Au/ mesa,

Case C: Pd/Cys & Au/ mesa

